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(54) Title: RHESUS MONKEY DICKKOPF-1, NUCLEOTIDES ENCODING SAME, AND USES THEREOF

Nucleotide Sequence of Rhesus Monkey Dkk-1 (SEQ ID-NO:1)

60 atgatggete tgggegeage aggagetgee egggtettgg tegegetggt ageggegget 120 cttggcggcc accetetget gggagtgage gecacettga acteggttet caattecaac gcgatcaaga acctgcccc accgctgggc ggcgctgcgg ggcacccagg ctctgcagtc 180 agcgccgcgc caggaattct gtacccgggc gggaataagt accagaccat tgacaactac 240 cagccgtacc cgtgcgcaga ggatgaggag tgcggcactg atgagtactg cgctagtccc 300 accegeggag gggacgeggg egtgeaaate tgtetegeet geaggaageg eegaaaaege 360 tgcatgcgtc acgctatgtg ctgccccggg aattactgca aaaatggaat atgtgtgtct 420 tctgatcaaa ataatttccg aggggaaatt gaggaaacca ttactgaaag ctttggtaat 480 gatcatagca ctttggatgg gtattccaga agaacaacat tgtcttcaaa aatgtatcac 540 agcaaaggac aagaaggttc tgtgtgtctc cggtcatcag actgtgccac aggactgtgt 600 tgtgctagac acttctggtc caagatctgt aaacctgtcc tcaaagaagg tcaagtgtgt 660 accaagcata gaagaaaagg ctctcatggg ctagaaatat tccagcgttg ttactgcgga 720 gaaggtctgt cttgccggat acagaaagat caccatcaag ccagtaattc ttctaggctt 780 801 cacacttgtc agagacacta a

(57) Abstract: The present invention provides rhesus monkey dickkopf-1 (rhDkk-1) and nucleotide sequences encoding it. Also provided herein are recombinant vectors, and recombinant hosts comprising rhDkk-1-encoding nucleotide sequences. Isolated rhDkk-1 can be used to screen and identify novel osteoanabolic compounds that stimulate bone formation for the treatment of osteoporosis or other disorders characterized by insufficient bone mass.

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